

High Temperature Superconductors (HTSC) References

- Biscarini, F., et al., Roughness increase and dimensional transitions during the growth of $\text{GaBa}_2\text{Cu}_3\text{O}_{6+y}$ films on NdGaO_3 . *Nuovo Cimento Della Societa Italiana Di Fisica D-Condensed Matter Atomic Molecular and Chemical Physics Fluids Plasmas Biophysics* 19, no. 8-9:1003-1008 (1997).
- Chen, L. M., et al., Ordered nanostructures on La-Sr-Cu-O thin films deposited by pulsed electron beam technique. *Acta Physica Sinica* 54, no. 6:2843-2846 (2005).
- Dediu V., et al., Oxygen diffusion in $\text{GdBa}_2\text{Cu}_3\text{O}_{6+y}$ thin films. *Nuovo Cimento Della Societa Italiana Di Fisica D-Condensed Matter Atomic Molecular And Chemical Physics Fluids Plasmas Biophysics* 19, no. 8-9:1047-1052 (1997).
- Dediu V., et al., Observation of the Stranski-Krastanov growth transition in $\text{GdBa}_2\text{Cu}_3\text{O}_{7-d}$ films. *Phys. Rev. B* 54, 1564-1567 (1996).
- Dediu V., and Maticotta F.C., Oxygen diffusion in epitaxial $\text{GdBa}_2\text{Cu}_3\text{O}_{7-d}$ thin films. *Phys. Rev. B* 54, 16259-16263 (1996).
- Dediu V., et al., Roughness increase and dimensional transitions during the growth of $\text{GaBa}_2\text{Cu}_3\text{O}_{6+y}$ films on NdGaO_3 . *Nuovo Cimento Della Societa Italiana Di Fisica D-Condensed Matter Atomic Molecular And Chemical Physics Fluids Plasmas Biophysics* 19, no. 8-9:1003-1008 (1997).
- Dediu V.I., et al., Deposition of $\text{M}\text{Ba}_2\text{Cu}_3\text{O}_{7-x}$ thin films by channel-spark method. *Supercond. Sci. Technol.* 8, 160-164 (1995).
- Jiang Q.D., et al., Characterization and insitu fluorescence diagnostic of the deposition of $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ thin films by pseudo-spark electron beam ablation. *Supercond. Sci. Technol.* 6, 567-572 (1993).
- Jiang, Q. D., et al., Deposition of $\text{Yba}_2\text{cu}_3\text{o}_7\text{-X}$ Thin-Films by Channel-Spark Pulsed Electron-Beam Ablation. *Thin Solid Films* 241, no. 1-2:100-102 (1994).
- Ko, K. P., et al., High quality $\text{SmBa}_2\text{Cu}_3\text{O}_{7-\delta}$ thin films on SrTiO_3 (100) substrates deposited by pulsed electron beam deposition. *IEEE Transactions on Applied Superconductivity* 15, no. 2:3054-3057 (2005).
- Scardi P., Maticotta F.C., Dediu V., and Correra L., X-Ray Diffraction line broadening effects in $\text{Mba}_2\text{Cu}_3\text{O}_{7-d}$ (M=Y, Gd) thin films. *Journal of Material Research* 12, 28-37 (1997).

Scardi P., et al., XRD Line Profile Analysis of HTc superconducting thin films. *Advances in X-Ray Analysis* 40 (1997).